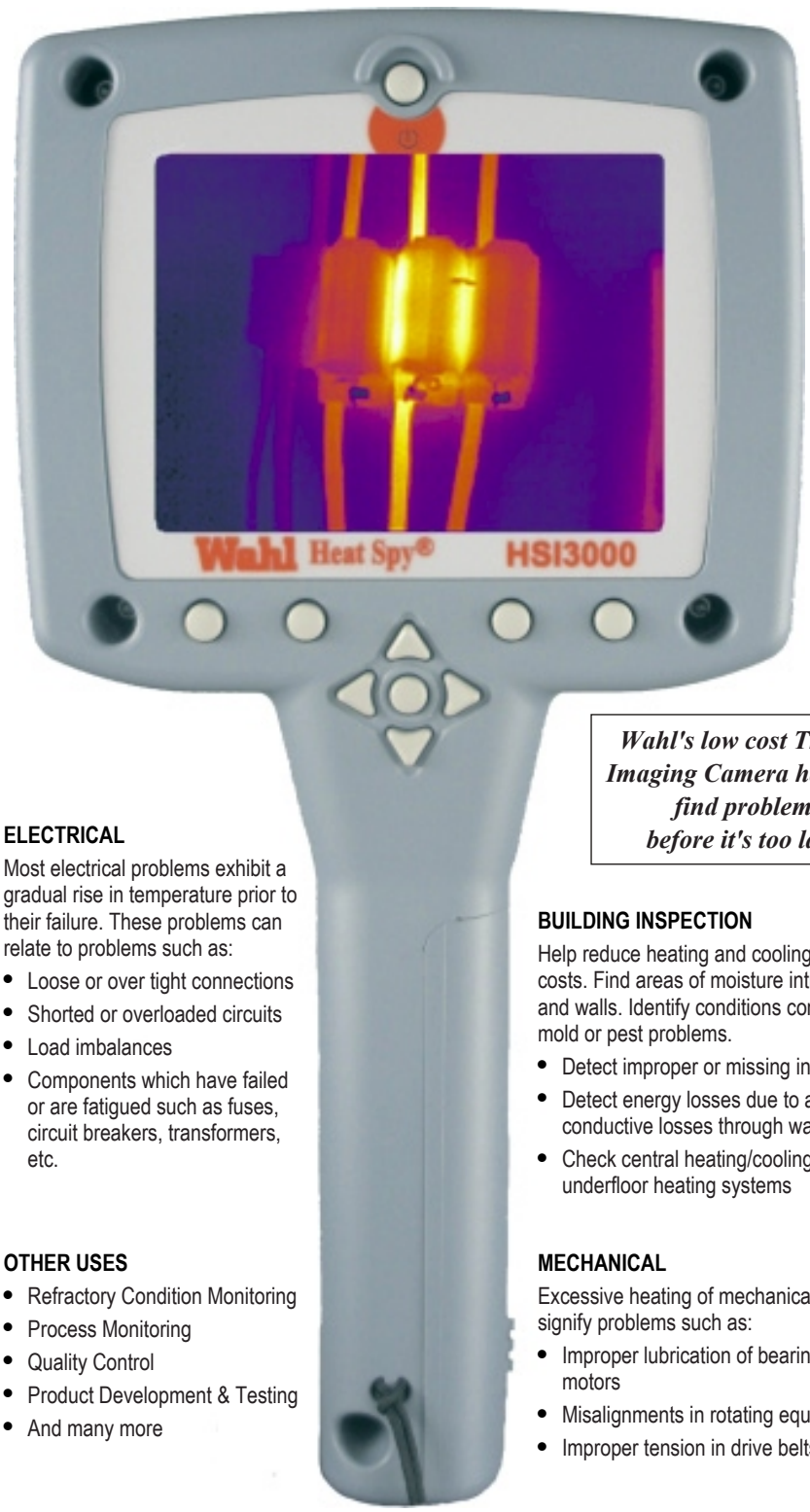
704-536-4886
fax 704-536-0152
www.SEMACnet.com

NEW! Wahl Heat Spy® Imager HSI3000
High Performance Portable Thermal Imaging Camera



The Lowest Cost, High Performance, Thermal Imaging Camera on the Market!

- Affordable Easy-to-Use Diagnostic Tool
- Precisely identifies Problem Hot Spots
- Ergonomically Designed, and Compact
- 160 x 120 Detector Array
- Two measurement cursors, movable anywhere in the image
- Temperature and Differential Temperature Measurement
- Download images to PC with the supplied SD Card Reader for Post Analysis
- Images may be captured directly to a PC using the USB interface
- Software included

Now with a Money Back Guarantee and a Free Wahl Heat Spy® Infrared Thermometer included with purchase! Call for details.

Wahl's low cost Thermal Imaging Camera helps you find problems, before it's too late...

ELECTRICAL

Most electrical problems exhibit a gradual rise in temperature prior to their failure. These problems can relate to problems such as:

- Loose or over tight connections
- Shorted or overloaded circuits
- Load imbalances
- Components which have failed or are fatigued such as fuses, circuit breakers, transformers, etc.

OTHER USES

- Refractory Condition Monitoring
- Process Monitoring
- Quality Control
- Product Development & Testing
- And many more

BUILDING INSPECTION

Help reduce heating and cooling energy costs. Find areas of moisture intrusion in roof and walls. Identify conditions conducive to mold or pest problems.

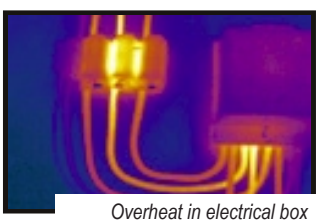
- Detect improper or missing insulation
- Detect energy losses due to air leakage or conductive losses through walls
- Check central heating/cooling and underfloor heating systems

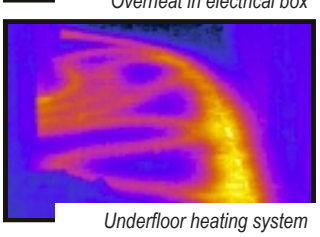
MECHANICAL

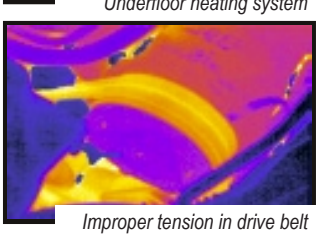
Excessive heating of mechanical devices can signify problems such as:

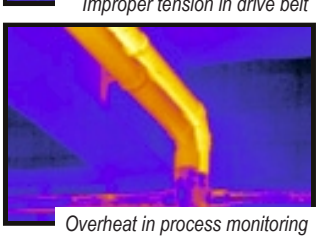
- Improper lubrication of bearings and motors
- Misalignments in rotating equipment
- Improper tension in drive belts and pulleys

CE


Overheat in electrical box


Underfloor heating system


Improper tension in drive belt


Overheat in process monitoring

Specifications subject to change without notice

PALMER Wahl INSTRUMENTATION GROUP

PW1275
08/06

NEW! Wahl Heat Spy® Imager HSI3000
High Performance Portable Thermal Imaging Camera

Specifications

Model Number	**HSI3000**
Temperature Range	14° to 482°F (-10° to 250°C)
Field of View	**20° x 15°**
Focus	Manual
Minimum Focus	Approx. 11.8 inches (30 cm)
Spectral Response	8 to 14 microns
Thermal Sensitivity	150 mK @ 25°C Scene Temperature
Detector	160 x 120 pixels uncooled microbolometer
Image Storage	Up to 1000 images on supplied SD Card
Accuracy	The greater of ±2% of reading or ±2°C
Display	3-1/2" Color LCD with LED Backlight and 3 Color Palettes
Laser Pointer	Built in Class II Laser highlights the central measurement area
Radiometry	Two moveable cursors, delta temperature measurement
Emissivity Correction	User selectable 0.2 to 1.0 in steps of 0.01 with reflected ambient temperature compensation
Operating Range	5° to 113°F (-15° to 45°C)
Storage Range	-4° to 150°F (-20° to 70°C)
Humidity	10% to 90% Non-Condensing
Power	Lithium-ion field rechargeable, replaceable batteries
AC Operation	AC Adapter included
Interfaces	USB type B
Housing	Impact Resistant Plastic
Dimensions	9.05 x 4.72 x 4.33 inches (230 x 120 x 110 mm)
Weight	1.65 lbs (0.75 kg) including Battery
Mounting	Handheld and Tripod Mounting
Included Accessories	Rugged Waterproof Carrying Case, Wrist Strap, Battery, AC Adapter, User Manual, Software CD, USB Cable, SD Card and SD Card Reader **Plus! Free Wahl Heat Spy® Infrared Thermometer and Money Back Guarantee**
Optional Accessories	Replacement Battery Part Number #12437-01

Features

- Real Time Image and Temperature Measurement display
- Crisp High Resolution Images
- Large 3-1/2" LCD Display with LED backlight
- Fully Radiometric - Measures the Temperature of every Pixel
- Multiple Temperature Measurements
- Stores up to 1000 Images with supplied SD Card
- Image Browser with full image adjustment
- Includes Software, SD Card & Card Reader
- Lightweight
- Simple Operation

Setting & Controls

- On/Off Soft Power Control
- User Selectable Span Control
- User Selectable Level Control
- Auto Adjust Span and Level
- Display palettes: Rainbow, Ironbow, and Grayscale
- Trigger activated Class II Laser
- Image Capture, Time and Date
- Readout in °C or °F
- 2x Digital Zoom

ONE YEAR 1 WARRANTY

HSI3000 is shipped complete with: Rugged, Waterproof, Carrying Case, Wrist Strap, Battery, AC Adapter, User Manual, Software CD, USB Cable, SD Card and SD Card Reader. **Plus - Free Wahl Heat Spy® Infrared Thermometer and Money Back Guarantee included with purchase!**

PALMER Wahl INSTRUMENTATION GROUP

Specifications subject to change without notice

PW1275
08/06